

I claim:

1. A laundry stand comprising:

a plurality of pairs of elongated members, each pair of elongated members having aligned bores through which a sleeve connector is inserted to pivotally connect the pair of elongated members to form a plurality of scissor linkages, at least one end of each of the elongated members defining corresponding bores through which the sleeve connectors are inserted to join two scissor linkages to form a first end frame, and at least two scissor linkages being joinable to form a second end frame; each of the sleeve connectors having an enlarged head portion, a hollow body portion defining a central bore, and an end portion having a greater diameter than the hollow body portion, the sleeve connector further defining a slot in the end portion that allows the end portion to resiliently deflect inwardly to allow it to pass through the bore of an elongated member, the sleeve connectors each comprising an inwardly formed resilient tab; and

a plurality of crossrods comprising two end connectors formed or attached on either end of the crossrod, each end connector comprising an enlarged portion, an extension portion and an abutment member, the end connector further defines a groove and an engagement surface upon the abutment member, wherein when the end connector is inserted into the central bore of the sleeve connector, the inwardly formed resilient tab contacts the engagement surface of the abutment member to prevent removal of the crossrod from the sleeve connector.

2. The stand of claim 1 further comprising a bar configured to be pivotally connected to distal ends of an elongated member of the first end frame.

3. The stand of claim 2 further comprising a second bar configured to be
5 pivotally connected to distal ends of an elongated member of the first end frame and an elongated member of the second end frame, respectively.

4. The stand of claim 3 wherein a crossrod is attached to each of the first and second bars.

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5. The stand of claim 4 wherein a plurality of crossrods are attached to each of the first and second bars.

6. The stand of claim 5 wherein the crossrods attached to the first and
15 second bars progressively decrease in length from a first end of the bars to another end of the bar such that the bars are not parallel to one another.

7. The stand of claim 5 wherein the crossrods attached to the first and second bars comprise end connectors on opposite ends thereof and sleeve
20 connectors are inserted into bores of the bars and wherein the sleeve connectors of the crossrods are attached to the end connectors of the bars.

8. The stand of claim 2 wherein the bar defines a slot in an end thereof for accepting a crossbar attached to another distal end of the pair of elongated members forming the scissor linkage.

5 9. The stand of claim 1 further comprising a stiffness rod attached to two adjacent crossbars to minimize deflection of the laundry stand.

10 10. The stand of claim 1 wherein the crossbar has the end connectors integrally formed thereon.

11. The stand of claim 1 wherein the crossbar has the end connectors adhered thereto.

15 12. The stand of claim 1 wherein the end connector is a one-piece unitary part.

13. The stand of claim 1 wherein the sleeve connector is a one-piece unitary part.

20 14. The stand of claim 1 wherein the end connector is a one-piece unitary polymer molded part.

15. The stand of claim 1 wherein the sleeve connector is a one-piece unitary polymer molded part.

16. The laundry stand of claim 1 wherein each pair of elongated members
5 comprise an interior member and an exterior member, the interior member having an interior surface; and wherein the slot in the sleeve connector divides the sleeve connector enlarged end portion and part of the hollow body into at least two tails, the enlarged end portion of each tail having an engagement surface so that when the enlarged end portion passes through the aligned bores of a pair of elongated
10 members, the engagement surfaces of the tail abut the interior surface of the interior elongated member.

17. The laundry stand of claim 1 wherein the pair of elongated members comprise an interior member and an exterior member, the exterior member having
15 an exterior surface and wherein the enlarged head portion of the sleeve connector has an engagement surface so that when the sleeve connector is inserted through the aligned bores of a pair of elongated members, the head engagement surface abuts the exterior surface of the exterior elongated member.

20 18. A laundry stand comprising:

a plurality of pairs of elongated members, each pair of elongated members having aligned bores through which a sleeve connector is inserted to pivotally connect the pair of elongated members to form a plurality of scissor linkages, at

least one end of each of the elongated members having corresponding bores through which the sleeve connectors are inserted to join two scissor linkages to form a first end frame, and at least two scissor linkages being joinable to form a second end frame, each of the sleeve connectors having an enlarged head portion,
5 a hollow body portion having a central bore, and an end portion having a greater diameter than the hollow body portion, the sleeve connector further defining a slot in the end portion that allows the end portion to resiliently deflect inwardly such that the end portion has a reduced diameter to allow it to pass through the bore of an elongated member, the sleeve connectors each comprising an inwardly formed
10 resilient tab, the end connector being a one-piece unitary part;

a plurality of crossrods comprising two end connectors formed or attached on either end of the crossrod, each end connector comprising an enlarged portion, an extension portion and an abutment member, the end connector further defines a groove and an engagement surface upon the abutment member, wherein the sleeve
15 connector is a one-piece unitary part and wherein when the end connector is inserted into the central bore of the sleeve connector, the inwardly formed resilient tab contacts the engagement surface of the abutment member to prevent removal of the crossrod from the sleeve connector;

wherein the pair of elongated members comprise an interior member and an
20 exterior member, the interior member having an interior surface and the exterior member having an exterior surface; and

wherein the slot in the sleeve connector divides the sleeve connector enlarged end portion and part of the hollow body into at least two tails, the

enlarged end portion of each tail having an engagement surface so that when the enlarged end portion passes through the aligned bores of a pair of elongated members, the engagement surfaces of the tail abut the interior surface of the interior elongated member and the head engagement surface abuts the exterior
5 surface of the exterior elongated member.

19. The stand of claim 18 further comprising a bar configured to be pivotally connected to distal ends of an elongated member of the first end frame.

10 20. The stand of claim 19 further comprising a second bar configured to be pivotally connected to distal ends of an elongated member of the first end frame and an elongated member of the second end frame, respectively.

21. The stand of claim 20 wherein a crossrod is attached to each of the
15 first and second bars.

22. The stand of claim 21 wherein a plurality of crossrods are attached to each of the first and second bars.

20 23. The stand of claim 22 wherein the crossrods attached to the first and second bars progressively decrease in length from a first end of the bars to another end of the bar such that the bars are not parallel to one another.

24. The stand of claim 22 wherein the crossrods attached to the first and second bars comprise end connectors on opposite ends thereof and sleeve connectors are inserted into bores of the bars and wherein the sleeve connectors of the crossrods are attached to the end connectors of the bars.

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25. The stand of claim 19 wherein the bar defines a slot in an end thereof for accepting a crossbar attached to another distal end of the pair of elongated members forming the scissor linkage.

10 26. The stand of claim 18 further comprising a stiffness rod attached to two adjacent crossbars to minimize deflection of the laundry stand.

27. The stand of claim 18 wherein the crossbar has the end connectors integrally formed thereon.

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28. The stand of claim 18 wherein the crossbar has the end connectors adhered thereto.

29. The stand of claim 18 wherein the end connector is a one-piece unitary
20 polymer molded part.

30. The stand of claim 18 wherein the sleeve connector is a one-piece unitary polymer molded part.

31. A laundry stand comprising:

a plurality of pairs of elongated members, each pair of elongated members having aligned bores through which a sleeve connector is inserted to pivotally connect the pair of elongated members to form a plurality of scissor linkages, at least one end of each of the elongated members defining corresponding bores through which the sleeve connectors are inserted to join two scissor linkages to form a first end frame, and at least two scissor linkages being joinable to form a second end frame, each of the sleeve connectors having an enlarged head portion, a hollow body portion defining a central bore, and an end portion having a greater diameter than the hollow body portion, the sleeve connector further defining a slot in the end portion that allows the end portion to resiliently deflect inwardly such that the end portion has a reduced diameter substantially equal to the diameter of the hollow body portion, the sleeve connectors each comprising an inwardly formed resilient tab, wherein the end connector is a one-piece unitary part;

a plurality of crossrods comprising two end connectors formed or attached on either end of the crossrod, each end connector comprising an enlarged portion, an extension portion and an abutment member, the end connector further defines a groove and an engagement surface upon the abutment member, wherein the sleeve connector is a one-piece unitary part and wherein when the end connector is inserted into the central bore of the sleeve connector, the inwardly formed resilient tab contacts the engagement surface of the abutment member to prevent removal of the crossrod from the sleeve connector;

a first bar configured to be pivotally connected to distal ends of an elongated member of the first end frame;

a second bar configured to be pivotally connected to distal ends of an elongated member of the first end frame and an elongated member of the second end frame, respectively, and wherein the bar defines a slot in an end thereof for accepting a crossbar attached to another distal end of the pair of elongated members forming the scissor linkage;

wherein a plurality of crossrods are attached to each of the first and second bars and the crossrods attached to the first and second bars progressively decrease in length from a first end of the bars to another end of the bar such that the bars are not parallel to one another;

wherein the slot in the sleeve connector divides the sleeve connector enlarged end portion and part of the hollow body into at least two tails, the enlarged end portion of each tail having an engagement surface so that when the enlarged end portion passes through the aligned bores of a pair of elongated members, the engagement surfaces of the tail abut the interior surface of the interior elongated member and the head engagement surface abuts the exterior surface of the exterior elongated member; and

wherein the pair of elongated members comprise an interior member and an exterior member, the exterior member having an exterior surface and wherein the enlarged head portion of the sleeve connector has an engagement surface so that when the sleeve connector is inserted through the aligned bores of a pair of

elongated members, the head engagement surface abuts the exterior surface of the exterior elongated member.